

WHAT IS CLAIMED IS:

1. A stress-reducing formulation for treating a meat-producing animal, the formulation comprising:

5                   0 wt% to about 15 wt% gamma aminobutyric acid (GABA),  
                     0 wt% to about 60 wt% kava kava root,  
                     0 wt% to about 20 wt% St. Johns Wort (0.3% hypericum),  
                     about 7 wt% to about 40 wt% damiana 4/1,  
                     about 5 wt% to about 70 wt% valerian root,  
 10                  0 wt% to about 5 wt% lithium arginate,  
                     about 0.1 wt% to about 5 wt% niacinamide,  
                     about 0.1 wt% to about 3 wt% inositol,  
                     0 wt% to about 5 wt% 5-hydroxytryptophan,  
                     0 wt% to about 50 wt% passion flower,  
 15                  0 wt% to about 30 wt% corydalis,  
                     0 wt% to about 20 wt% jujube,  
                     0 wt% to about 20 wt% skullcap, and  
                     0 wt% to about 40 wt% glycine.

20    2. A formulation according to claim 1 comprising:

                    about 3 wt% to about 15 wt% gamma aminobutyric acid (GABA),  
                     about 5 wt% to about 60 wt% kava kava root,  
                     about 3 wt% to about 20 wt% St. Johns Wort (0.3% hypericum),  
                     about 7 wt% to about 40 wt% damiana 4/1,  
 25                  about 5 wt% to about 70 wt% valerian root,  
                     about 0.1 wt% to about 5 wt% lithium arginate,  
                     about 0.1 wt% to about 5 wt% niacinamide, and  
                     about 0.1 wt% to about 3 wt% inositol.

3. A formulation according to claim 1 comprising:

about 7 wt% to about 40 wt% damiana 4/1,  
about 5 wt% to about 70 wt% valerian root,  
about 0.1 wt% to about 5 wt% niacinamide,  
about 0.1 wt% to about 3 wt% inositol,  
about 0.1 wt% to about 5 wt% 5-hydroxytryptophan,  
about 5 wt% to about 50 wt% passion flower, and  
about 4 wt% to about 40 wt% glycine.

4. A formulation according to claim 1 comprising:

about 15 wt% to about 22 wt% damania,  
about 25 wt% to about 50 wt% valarian,  
about 15 wt% to about 39 wt% passion flower,  
about 1 wt% to about 5 wt% 5-hydroxytryptophan, and  
about 5 wt% to about 20 wt% glycine.

5. A formulation according to claim 1 comprising:

about 8 wt% to about 15 wt% St. Johns wort,  
about 15 wt% to about 25 wt% damania,  
about 25 wt% to about 40 wt% valarian,  
about 5 wt% to about 20 wt% corydalis,  
about 1 wt% to about 15 wt% jujube, and  
about 1 wt% to about 15 wt% skullcap.

6. A formulation according to claim 1 which further comprises at least one ingredient selected from the group consisting of suma, goto kola, lemon balm, hops, ginger, taurine, nicotinamide, and magnesium citrate.

7. A formulation according to claim 1 wherein the meat-producing animal is swine.

8. A method for reducing the stress in a meat-producing animal, the method comprising administering to the meat-producing animal an effective amount of the stress-reducing formulation of claim 1 prior to a stressful event.

5 9. A method according to claim 8 wherein the stress-reducing formulation is administered to the animal starting from about 72 to about 96 hours prior to the stressful event.

10 10. A method according to claim 9 wherein the stress-reducing formulation is administered to the animal up to the stressful event.

11. A method according to claim 8 wherein the stress-reducing formulation comprises:

15 about 3 wt% to about 15 wt% gamma aminobutyric acid (GABA),  
about 5 wt% to about 60 wt% kava kava root,  
about 3 wt% to about 20 wt% St. Johns Wort (0.3% hypericum),  
about 7 wt% to about 40 wt% damiana 4/1,  
about 5 wt% to about 70 wt% valerian root,  
about 0.1 wt% to about 5 wt% lithium arginate,  
20 about 0.1 wt% to about 5 wt% niacinamide, and  
about 0.1 wt% to about 3 wt% inositol.

12. A method according to claim 8 wherein the stress-reducing formulation comprises:

25 about 7 wt% to about 40 wt% damiana 4/1,  
about 5 wt% to about 70 wt% valerian root,  
about 0.1 wt% to about 5 wt% niacinamide,  
about 0.1 wt% to about 3 wt% inositol,  
about 0.1 wt% to about 5 wt% 5-hydroxytryptophan,  
30 about 5 wt% to about 50 wt% passion flower, and  
about 4 wt% to about 40 wt% glycine.

13. A method according to claim 8 wherein the stress-reducing formulation comprises:

about 15 wt% to about 22 wt% damania,  
about 25 wt% to about 50 wt% valarian,  
5 about 15 wt% to about 39 wt% passion flower,  
about 1 wt% to about 5 wt% 5-hydroxytryptophan, and  
about 5 wt% to about 20 wt% glycine.

14. A method according to claim 8 wherein the stress-reducing formulation comprises:

about 8 wt% to about 15 wt% St. Johns wort,  
about 15 wt% to about 25 wt% damania,  
about 25 wt% to about 40 wt% valarian,  
about 5 wt% to about 20 wt% corydalis,  
15 about 1 wt% to about 15 wt% jujube, and  
about 1 wt% to about 15 wt% skullcap.

15. A method according to claim 8 wherein the stress-reducing formulation further comprises at least one ingredient selected from the group consisting of suma, goto kola,  
20 lemon balm, hops, ginger, taurine, nicotinamide, and magnesium citrate.

16. A method according to claim 8 wherein the meat-producing animal is swine.

17. Use of a formulation to reduce the stress in a meat-producing animal, the stress-reducing formulation comprising:

0 wt% to about 15 wt% gamma aminobutyric acid (GABA),  
0 wt% to about 60 wt% kava kava root,  
0 wt% to about 20 wt% St. Johns Wort (0.3% hypericum),  
about 7 wt% to about 40 wt% damiana 4/1,  
30 about 5 wt% to about 70 wt% valerian root,  
0 wt% to about 5 wt% lithium arginate,  
about 0.1 wt% to about 5 wt% niacinamide,

about 0.1 wt% to about 3 wt% inositol,  
0 wt% to about 5 wt% 5-hydroxytryptophan,  
0 wt% to about 50 wt% passion flower,  
0 wt% to about 30 wt% corydalis,  
5 0 wt% to about 20 wt% jujube,  
0 wt% to about 20 wt% skullcap, and  
0 wt% to about 40 wt% glycine.

18. A use according to claim 17 wherein the stress-reducing formulation further  
10 comprises at least one ingredient selected from the group consisting of suma, goto kola,  
lemon balm, hops, ginger, taurine, nicotinamide, and magnesium citrate.
19. A use according to claim 17 wherein the meat-producing animal is swine.

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